



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS UNITED STATES PATENT AND TRADEMARK OFFICE

WASHINGTON, D.C. 20231 www.usato.gov

APPLICATION NUMBER

FILING/RECEIPT DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/051.874

01/16/2002

Muralidhara Padigaru

GLOVSKY and POPEO, P.C.

One Financial Center Boston, MA 02111

21402-245 (Cura-545)

CONFIRMATION NO. 7951 FORMALITIES LETTER

MINTZ. LEVIN, COHN, FERRIS,

OC000000007728983*

Date Mailed: 03/27/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- · The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(I) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- . The balance due by applicant is \$ 130.
- This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990) If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filting date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application, Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase Patentin Software, call (703) 306-2600

For Patentin Software Program Help, call (703) 306-4119 or e-mail at

09/27/2002 SSITHIB1 00000035 10051874

02 FC:105

130.00 02

patin21help@uspto.gov or patin3help@uspto.gov

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 3 - OFFICE COPY

Express Mail Label No.: EU282822995US Date of Deposit: September 25, 2002

ATTORNEY DOCKET NO.: 21402-245 (Cura 545)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Padigaru et al.

SERIAL NUMBER: 10/051.874

10/051,874 EXAMINER: Not Yet Assigned
January 16, 2002 ART UNIT: 1635

FILING DATE: January 16, 2002 ART UNIT: 1635

TITLE: PROTEINS POLYNUCLEOTIDES ENCODING THEM AND

PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF USING SAME

September 25, 2002
Boston, Massachusetts

Box Sequence Commissioner for Patents Washington, DC 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS

In response to the Notice To File Missing Parts of Nonprovisional Application mailed March 27, 2002, Applicants submit herein an executed Combined Declaration and Power of Attorney form, payment of the surcharge of \$130.00 (Check # 1231) as set forth in 37 C.F.R. \$1.16(e), a copy of the Notice to File Missing Parts of Nonprovisional Application, Preliminary Amendment, Petition for Four Month Extension of Time, a check in the amount of \$1,440.00 (Check # 1230) to cover the Petition fee, Statement of Support of Computer Readable Form Submission, electronic and paper copy of sequence listing. This response is due on or before September 27, 2002, with a four-month extension.

Please charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 21402-245 (Cura 545).

Respectfully submitted,

Dated: September 25, 2002

Ivor R. Elrifi, Reg. No. 39,529 Eric Sinn, Reg. No. 40,177 Attorneys for Applicants

c/o MINTZ, LEVIN One Financial Center Boston, Massachusetts 02111

Tel: (617) 542-6000 Fax: (617) 542-2241

30623

NYC 246865v1

Express Mail Label No.: EU28282 Date of Deposit: September 25, 2002 19-26-0a

Attorney Docket No. 21402-245 (Cura 545

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Padigaru et al. APPLICANTS:

10/051.874 SERIAL NUMBER:

EXAMINER:

Not Yet Assigne

Recei

FILING DATE:

January 16, 2002

ART UNIT:

1635

PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS FOR:

OF USING SAME

Box Missing Parts Commissioner for Patents Washington, DC 20231

TRANSMITTAL LETTER

Transmitted herewith for filing in the above-referenced patent application are the following documents:

- 1. Response to Notice to File Missing Parts under 37 CFR 1.52 or 1.53 (1 pg.); Copy of Notice to File Missing Parts of Nonprovisional Application(2 pgs.);
- 3. Check No. 1231 in the amount of \$130.00 to cover the surcharge;
- Executed Combined Declaration and Power of Attorney five counterparts (45 pgs.); 4.
- Check No. 1230 in the amount of \$1,440,00 to cover the extension of time; 5.
- 6. Petition for Four Month Extension of Time (1 pg.):
- 7. Computer Readable Form Copy of the "Sequence Listing" (1 diskette);
- 8. Statement in Support of Computer Readable Form Submission (1 pg.);
- Paper Copy of "Sequence Listing" (369 pgs.);
- 10. Preliminary Amendment (1 pg.);
- 11. Request for Correction of Filing Receipt (2 pgs.);
- 12 Copy of Original Filing Receipt (3 pgs.);
- 13 Copy of Corrected Filing Receipt (3 pgs.); and
- 14 Return postcard.

. If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at 617-542-6000, Boston, Massachusetts. A duplicate copy of this transmittal letter is enclosed.

The Commissioner is authorized to charge any additional fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311, Ref. No.21402-245 (Cura 545).

Respectfully submitted,

Date: September 25, 2002

FH 282822995 US

30623 PATENT TRADEMARK OFFICE Attorney/Agent for Applicants c/o MINTZ, LEVIN One Financial Center Boston, Massachusetts 02111

> Tel: (617) 542-6000 Fax: (617) 542-2241

Ivor R. Elrifi, Reg. No. 39,529 Eric Sinn, Reg. No. 40,177

Express Mail Label No.: EU282822995US Date of Deposit: September 25, 2002 9-26-22

Attorney Docket No. 21402-245 (CURA 545)

Receip

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Padigaru, et al.

ASSIGNEE: NOT YET ASSIGNED

SERIAL NUMBER: 10/051,874 EXAMINER: NOT YET ASSIGNED

FILING DATE: January 16, 2002 ART UNIT: 1635

FOR: PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF USING

SAME

2. There are errors with respect to the following data, which

Priority Data as claimed by Applicant

(needs to be added)

September 25, 2002 Boston, Massachusetts

Application Processing Division's Customer Correction Branch Commissioner for Patents Washington, D.C. 20231

REQUEST FOR CORRECTED FILING RECEIPT

Applicants request a Corrected Filing Receipt for the above-mentioned patent application.
 Applicants enclose a copy of the Filing Receipt with the corrections noted thereon. Issuance of a corrected filing receipt is respectfully requested.

П	incorrectly entered	O CONTRACTOR
	and/or	DISK TO STIC
	tted.	0.0
	Error in	DATE: SP 2 5 000
1.	Applicants' name	DATE.
2.	Applicants' address	A. Male
3. 🔲	Title	
4. 🗌	Filing Date	
5. 🔲	Serial Number	
6.	Foreign/PCT Application Re:	
7.	Continuing Data	
8. 🔯	OtherUnder Domestic	AND CLAIMS BENEFIT OF 60/345,202 11/9/2001

Applicants: Padigaru et al. U.S.S.N. 10/051,874
 The correction is not due to any error by Applicants and Applicants believe that no fee is due. However, the Commissioner is authorized to charge any additional fees that may be due, or to credit any overpayment, to Deposit Account No. 50-0311, Ref. No. 21402-245 (Cura 545).

OR

لــ	At least one of the above corrections is due to applicants error and the fee therefor, under
	37 C.F.R. 1.19(h), of \$25.00 is paid as follows:
	Enclosed is check for \$25.00.

Charge Deposit Account No. 50-0311, Ref. No. _____ the sum of \$25.00.

4. Other documents:

Copy of Filing Receipt with changes noted thereon.

September 25, 2002

Respectfully submitted,

Ivor R. Elrifi, Reg. No. 39,529

Eric Sinn, Reg. No. 40,177 Attorney for Applicants MINTZ, LEVIN, COHN, FERRIS, GLOVSKY and POPEO, P.C.

One Financial Center Boston, Massachusetts 02111

Tel: (617) 542-6000 Fax: (617) 542-2241

30623

NYC 246841v1



United States Patent and Trademark Off

DEJ(BOS) to meth(NI)

COMMISSIONER FOR PATENTS STATES PATENT AND TRADEMARK OFFICE WASHINGTON, D.C. 2023 www.uspto.gov

APPLICATION NUMBER 10/051,874

FILING DATE 01/16/2002

1635

1202

GRP ART UNIT FIL FEE REC'D ATTY. DOCKET. NO DRAWINGS

TOT CLAIMS

CONFIRMATION NO. 7951

IND CLAIMS

MINTZ, LEVIN, COHN, FERRIS, GLOVSKY and POPEO, P.C. One Financial Center Boston, MA 02111



FILING RECEIPT *OC000000007728982

Date Mailed: 03/27/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center, Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Muralidhara Padigaru, Branford, CT: John P. Alsobrook II. Madison, CT: Steven D. Colman, Guilford, CT; Kimberly A. Spytek, New Haven, CT; Ferenc Boldog, Newington, CT; Corine A.M. Vernet, Branford, CT: Li Li, Branford, CT: Suresh G. Shenov, Branford, CT; Stacie J. Casman, North Haven. CT: Xiaojia Sasha Guo, Branford, CT; Shlomit R. Edinger, New Haven, CT; John R. MacDougall, Hamden, CT; Uriel M. Malyankar, Branford, CT; Meera Patturajan, Branford, CT, Richard A. Shimkets, Guilford, CT; Carol E. A. Pena, New Haven, CT; Velizar T. Tcherney, Branford, CT: Bryan D. Zerhusen, Branford, CT; Isabelle Millet, Milford, CT; Charles E. Miller, Guilford, CT; Denise M. Lepley, Branford, CT; Glennda Smithson, Guilford, CT; Jason C. Baumgartner, New Haven, CT; John L. Herrmann, Guilford, CT; John A. Peyman, New Haven, CT; Linda Gorman, Branford, CT; Peter D. Mezes, Old Lyme, CT:

Copy to NY Office

Ramesh Kekuda, Stamford. CT; Raymond J. Taupler JR., East Haven, CT; Valerie Gerlach, Branford, CT; William M. Grosse, Branford, CT; Xiaohong Liu, Branford, CT; Karen Ellerman, Branford, CT; Mark Rothenberg, Clinton, CT; David J. Stone, Guilford, CT; Catherine E. Burgess, Wethersfield, CT;

Domestic Priority data as claimed by applicant

THIS APPLN CLAIMS BENEFIT OF 60/261,376 01/16/2001
AND CLAIMS BENEFIT OF 60/268,595 02/14/2001
AND CLAIMS BENEFIT OF 60/325,306 09/27/2001
AND CLAIMS BENEFIT OF 60/325,306 09/27/2001
AND CLAIMS BENEFIT OF 60/272,409 02/28/2001
AND CLAIMS BENEFIT OF 60/272,409 02/28/2001
AND CLAIMS BENEFIT OF 60/262,454 01/18/2001
AND CLAIMS BENEFIT OF 60/276,777 03/16/2001
AND CLAIMS BENEFIT OF 60/291,672 05/17/2001
AND CLAIMS BENEFIT OF 60/291,672 05/17/2001
AND CLAIMS BENEFIT OF 60/291,307 306 10/18/2001

Foreign Applications

If Required, Foreign Filing License Granted 03/27/2002

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

Proteins, polynucleotides encoding them and methods of using the same

Preliminary Class

435

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained b, ∴ne licensee and may be used at any time ∴r or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (ji)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



copy to metiling Desilers)

COMMISSIONER FOR PATENTS UNITED STATES PATENT AND TRADEMARK OFFICE WASHINGTON, D.C. 2023

FIL FEE REC'D ATTY.DOCKET.NO DRAWINGS TOT CLAIMS IND CLAIMS APPLICATION NUMBER FILING DATE GRP ART UNIT 10/051,874 01/16/2002 1635 1202

MINTZ, LEVIN, COHN, FERRIS, GLOVSKY and POPEO, P.C. One Financial Center

Boston, MA 02111

1	Done By
☐ Data Entry	100
D Pockel Entry	
Docket Cross Off	
Previously Entered	
☐ No Docketing Req	
C CUTC	

□ Annuities

CORRECTED **CONFIRMATION NO. 7951** FILING RECEIPT

Date Mailed: 03/27/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center, Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice, When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Muralidhara Padigaru, Branford, CT; John P. Alsobrook II. Madison, CT. Steven D. Colman, Guilford, CT; Kimberly A. Spytek, New Haven, CT; Ferenc Boldog, Newington, CT; Corine A.M. Vernet, Branford, CT: Li Li. Branford, CT: Suresh G. Shenoy, Branford, CT; Stacie J. Casman, North Haven, CT; Xiaojia Sasha Guo, Branford, CT: Shlomit R. Edinger, New Haven, CT: John R. MacDougall, Hamden, CT: Uriel M. Malvankar, Branford, CT: Meera Patturaian, Branford, CT: Richard A. Shimkets, Guilford, CT; Carol E. A. Pena, New Haven, CT; Velizar T. Tcherney, Branford, CT; Bryan D. Zerhusen, Branford, CT: Isabelle Millet, Milford, CT: Charles E. Miller, Guilford, CT: Denise M. Lepley, Branford, CT; Glennda Smithson, Guilford, CT: Jason C. Baumgartner, New Haven, CT; John L. Herrmann, Guilford, CT; John A. Peyman, New Haven, CT; Linda Gorman, Branford, CT; Peter D. Mezes. Old Lyme. CT:

Copy to NY Office

Ramesh Kekuda, Stamford, CT; Raymond, J. Taupier JR., East Haven, CT; Valerie Gerlach, Branford, CT; William M. Grosse, Branford, CT; Xiaohong Liu, Branford, CT; Karen Ellerman, Branford, CT; Mark Rothenberg, Clinton, CT; David J. Stone, Guilford, CT; Catherine E. Burgess, Wethersfield, CT;

Domestic Priority data as claimed by applicant

THIS APPLN CLAIMS BENEFIT OF 60/261,376 01/16/2001
AND CLAIMS BENEFIT OF 60/268,595 02/14/2001
AND CLAIMS BENEFIT OF 60/325,306 09/27/2001
AND CLAIMS BENEFIT OF 60/325,306 09/27/2001
AND CLAIMS BENEFIT OF 60/272,537 01/18/2001
AND CLAIMS BENEFIT OF 60/276,474 01/18/2001
AND CLAIMS BENEFIT OF 60/262,454 01/18/2001
AND CLAIMS BENEFIT OF 60/276,777 03/16/2001
AND CLAIMS BENEFIT OF 60/291,672 05/17/2001
AND CLAIMS BENEFIT OF 60/295 300 1/3/12001
AND CLAIMS BENEFIT OF 60/265 300 01/3/12001

AND CLAIMS BENEFIT OF 60/345, 202 11/9/2001

Foreign Applications

If Required, Foreign Filing License Granted 03/27/2002

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

Proteins, polynucleotides encoding them and methods of using the same

Preliminary Class

435

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon writhen notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 of 5.14

This license is to be retained by the licensee and may be used at any time of after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espinange and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Pefense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 21-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filling date of this application and the ficensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).